

ABSTRACT

The invention provides a method of distorting an image, particularly but not solely designed for magnifying parts of an image more than the remainder of the image. The method comprises the steps of maintaining in computer memory a set of base data values representing an image to be subjected to a transformation function; calculating an approximation of the transformation function; retrieving from computer memory one or more of the data values; calculating an intended magnification value (M_s) for one or more of the retrieved data values; calculating an estimated magnification value (M_e) for one or more of the retrieved data values; storing in computer memory the estimated magnification values as a set of transformed data values representing the transformed image; calculating the difference (M_E) between the intended magnification value(s) and the estimated magnification value(s); and repeating steps (c) to (g) until M_E is less than a predefined threshold. The invention also provides a related image distortion system.